CLAIMS:

1. Method, comprising the steps of:

receiving signaling provided by an application-layer control protocol from a terminal of a packet data network at an interface between the packet data network and a circuit-switched network, and

converting the signaling from the terminal at the interface, for providing signaling in a protocol used in the circuit-switched network for enabling the terminal to access one or more services of the circuit-switched network.

2. The method of claim 1, wherein the signaling from the terminal is indicative of a private user identification of the terminal for enabling access to a roaming service available in the circuit-switched network comprising, at least in part, a public land mobile network (PLMN).

3. The method of claim 1, wherein the application-layer control protocol is a session initiation protocol (SIP) and the circuit-switched network comprises, at least in part, a public land mobile network (PLMN).

4. The method of claim 3, wherein said step of receiving includes the step of receiving a session description protocol (SDP) within the SIP to indicate a private user identification of the terminal for enabling access to a roaming service of the PLMN for use by the terminal of the packet data network.

5. The method of claim 1, wherein said step of receiving includes the step of receiving a session description protocol (SDP) within the application-layer control protocol to indicate a private user identification of the terminal for enabling access to a roaming service available in the circuit-switched network comprising, at least in part, a public land mobile network (PLMN) for use by the terminal of the packet data network.

6. Method, comprising the steps of:

providing signaling according to an application-layer protocol from a terminal of a packet data network to an interface between the packet data network and a circuit-switched network, wherein the interface is for converting the signaling from the terminal for providing signaling in a protocol used in the circuit-switched network for enabling the terminal to access one or more services of the circuit-switched network, and

receiving signaling from the interface according to the application-layer control protocol at the terminal of the packet data network indicative of a communication setup between the terminal and the packet data network and said one or more services of the circuit-switched network.

7. The method of claim 6, wherein the signaling from the terminal is indicative of a private user identification of the terminal for enabling access to a roaming service available in the circuit-switched network comprising, at least in part, a public land mobile network (PLMN).

8. The method of claim 6, wherein the application-layer control protocol is a session initiation protocol (SIP) and the circuit-switched network comprises, at least in part, a public land mobile network (PLMN).

9. The method of claim 8, wherein said step of providing includes the step of providing a session description protocol (SDP) within the SIP to indicate a private user identification of the terminal for enabling access to a roaming service of the PLMN for use by the terminal of the packet data network.

10. The method of claim 6, wherein said step of providing includes the step of providing a session description protocol (SDP) within the application-layer control protocol to indicate a private user identification of the terminal for enabling access to a roaming service available in the circuit-switched network comprising, at least in part, a public land mobile network (PLMN) for use by the terminal of the packet data network.

11. Interface, comprising:

means for converting signaling provided by an application-layer control protocol from a terminal of a packet data network to a protocol used in a circuit-switched network for enabling the terminal to access one or more services of the circuit-switched network; and

means for converting signaling provided by the circuit-switched network in the protocol used in the circuit-switched network to signaling for the application-layer control protocol used in the terminal of the packet data network for said enabling the terminal to access one or more services of the circuit-switched network.

12. The interface of claim 11, wherein the signaling from the terminal is indicative of a private user identification of the terminal for enabling access to a roaming service available in the circuit-switched network comprising, at least in part, a public land mobile network (PLMN).

13. The interface of claim 11, wherein the application-layer control protocol is a session initiation protocol (SIP) and the circuit-switched network comprises, at least in part, a public land mobile network (PLMN).

14. The interface of claim 13, wherein a session description protocol (SDP) is included within the SIP to indicate a private user identification of the terminal for enabling access to a roaming service of the PLMN for use by the terminal of the packet data network.

15. The interface of claim 11, wherein said signaling of the application-layer control protocol includes a session description protocol (SDP) to indicate a private user identification of the terminal for enabling access to a roaming service available in the circuit-switched network comprising, at least in part, a public land mobile network (PLMN) for use by the terminal of the packet data network.

16. Terminal of a packet data network, comprising:

transmitting means for providing signaling according to an application-layer protocol of the packet data network to an interface between the packet data network and a circuit-switched network, wherein the interface is for converting the signaling from the transmitting means for providing signaling in a protocol used in the circuit-switched network for enabling the terminal of the packet data network to access one or more services of the circuit-switched network; and

receiving means for receiving signaling from the interface according to the application-layer control protocol of the packet data network indicative of a communication setup between the terminal and the circuit-switched network for accessing said one or more services of the circuit-switched network.

17. The terminal of claim 16, wherein the signaling from the packet data network is indicative of a private user identification of the terminal for enabling access to a roaming service available in the circuit-switched network comprising, at least in part, a public land mobile network (PLMN).

18. The terminal of claim 16, wherein the application-layer control protocol is a session initiation protocol (SIP) and the circuit-switched network comprises, at least in part, a public land mobile network (PLMN).

19. The terminal of claim 18, wherein a session description protocol (SDP) is provided within the SIP to indicate a private user identification of the terminal for enabling access to a roaming service of the PLMN for use by the terminal of the packet data network.

20. The terminal of claim 16, wherein a session description protocol (SDP) is provided within the application-layer control protocol to indicate a private user identification of the terminal for enabling access to a roaming service available in the circuit-switched network comprising, at least in part, a public land mobile network (PLMN) for use by the terminal of the packet data network.